

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:      Cechan Tian et al.

Title:      CONTROL SYSTEM AND METHOD FOR AN OPTICAL  
              AMPLIFIER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313.1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

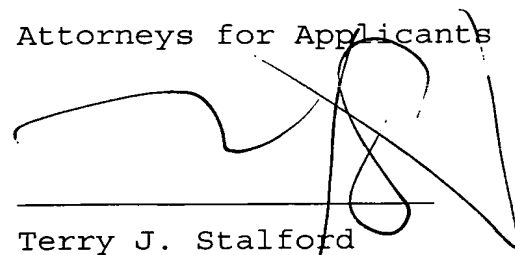
Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form, and previously cited in U.S. Application Serial No. 10/107,727, filed March 26, 2002 by Applicants and entitled "Control System and Method for an Optical Amplifier," be considered and cited in the examination of the above-identified continuation patent application. Pursuant to 37 C.F.R. § 1.98(d), copies of these references are not being furnished. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. If, however, Applicants have overlooked the need for a fee, the Commissioner is hereby authorized to

DAL01:767615.1

charge any underpayment to Deposit Account No. 02-0384 of  
Baker Botts L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicants

  
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Terry J. Stalford  
Registration No. 39,522

Dated: December 1, 2003

**CUSTOMER NUMBER 05073**

<b>PTO-1449</b>  <b>Information Disclosure Citation In an Application</b>	Application No.		Applicant(s) <b>Cechan (nmi) Tian et al.</b>	
	Docket Number <b>064731.0411</b>	Group Art Unit	Filing Date	

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,954,786	09/04/90	Yamakawa et al.	330	4.3	12/05/89
	B	5,088,095	02/11/92	Zirngibl	372	6	01/31/91
	C	5,513,029	04/30/96	Roberts	359	177	06/16/94
	D	5,680,246	10/21/97	Takahashi et al.	359	341	03/28/95
	E	5,822,112	10/1998	Itou et al.	359	341	
	F	5,870,217	02/09/99	Itou et al.	359	179	02/13/97
	G	5,969,840	10/19/99	Roberts	359	161	09/18/96
	H	6,038,063	03/2000	Tsuda et al.	359	341	
	I	6,052,221	04/18/00	Terahara	359	341	04/21/98
	J	6,055,092	04/25/00	Sugaya et al.	359	337	05/28/96
	K	6,084,704	07/04/00	Button et al.	359	337	09/09/97
	L	6,104,526	08/15/00	Kakui	359	337	07/09/99

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M	EP 1 182 808 A2	02/27/02	EPO	H04B	10/17	X	
	N	WO 01/54237 A1	07/26/01	PCT	H01S	3/131	X	

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	O	J. Drake et al., "A comparison of practical gain and transient control techniques for erbium doped fiber amplifiers," Nortel PLC Optoelectronics, pp. 163-165.	
	P	D.H. Richards et al., "Optical Network Simulation and the MONET DC Network," Telcordia Technologies, pp. 206-208.	
	Q	J.F. Massicott, et al., "1480nm pumped erbium doped fibre amplifier with all optical automatic gain control," <i>Electronics Letters</i> , Vol. 30, No. 12, June 9, 1994, pp. 962-964.	June 9, 1994
	R	M. Fukutoku et al., "Pump power reduction of optical feedback controlled EDFA using electrical feedforward control," <i>Optical Amplifiers and Their Applications, Technical Digest</i> , 1998, pp. 32-35.	1998
	S	Grenfeldt, "ERION-Ericsson optical networking using WDM technology," <i>Ericsson Review</i> No. 3, pp. 132-137	1998
	T	Ashmead, "ROADMap for the Metro Market," <i>Fiberoptic Product News</i> , 3 pages (36, 38, and 40)	October 2001

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449	Application No. 10/107,727		Applicant(s) Cechan (nmi) Tian et al.
	Docket Number 064731.0259	Group Art Unit 2633	Filing Date March 26, 2002
<b>Information Disclosure Citation In an Application</b>			

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	U	6,141,127	10/31/00	Boivin et al.	359	124	02/20/98
	V	6,160,648	12/12/00	Oberg et al.	359	110	09/19/97
	W	6,160,659	12/12/00	Kinoshita	359	337	01/22/99
	X	6,163,395	12/19/00	Nemecek et al.	359	187	03/06/96
	Y	6,166,850	12/26/00	Roberts et al.	359	341	11/04/98
	Z	6,215,583 B1	04/10/01	Lagerström et al.	359	341	09/11/97
	AA	6,233,092 B1	05/15/01	Flood et al.	359	345	08/12/99
	BB	6,246,514 B1	06/12/01	Bonnedal et al.	359	341	09/11/97
	CC	6,339,495 B1	01/15/02	Cowle et al.	359	341.4	11/30/99
	DD	6,341,034	01/22/02	Sun et al.	359	341.41	11/15/00
	EE						

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							YES	NO
	FF							
	GG							
	HH							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	II	G. Luo et al., "Experimental and Theoretical Analysis of Relaxation-Oscillations and Spectral Hole Burning Effects in All-Optical Gain-Clamped EDFA's for WDM Networks," <i>Journal of Lightwave Technology</i> , Vol. 16 No. 4, April 1998, pp. 527-533.	April 1998
	JJ	H. Ono et al., "Automatic Gain Control in Silica-Based EDFA with over 50 nm Flat Gain Bandwidth using an All Optical Feedback Loop," NTT Network Innovation Laboratories, Optical Amplifiers and Their Applications Conference, <i>Technical Digest</i> , 1999, pp. 106-109.	1999
	KK	K. Motoshima et al., "A Channel-Number Insensitive Erbium-Doped Fiber Amplifier With Automatic Gain and Power Regulation Function," <i>Journal of Lightwave Technology</i> , Vol. 19 No. 11, November 2001, pp. 1759-1767.	November 2001
	LL	Batchellor, "Optical Networking the Ericsson Way," Ericsson Limited, Business Unit Transport and Cable Networks, pp. 1-4	2/22/2002
	MM		

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U.S. PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.  
064731.0411

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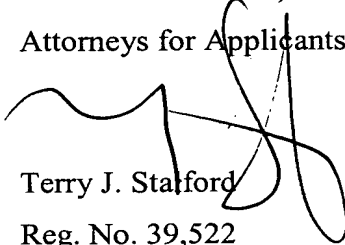
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**SECOND INFORMATION DISCLOSURE STATEMENT**

Applicants respectfully request, pursuant to 37 C.F.R. § 1.56, 1.97, and 1.98, that the reference listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. A copy of this references is enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that this reference qualifies as prior art or that this reference is material to the patentability of the present application.

Respectfully submitted,

BAKER & BOTTS, L.L.P.  
Attorneys for Applicants

  
Terry J. Stafford  
Reg. No. 39,522

Date: December 1, 2003

CUSTOMER NO. 05073

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							YES	NO
	M							
	N							
	O							
	P							
	Q							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	C.Y. Liaw et al., "Development of an Automatic Gain Controller Card for Next Generation EDFAs", <i>ACTA OPTICA SINICA</i> , Vol. 23, Supplement 413, Paper No. 0253-2239(2003)16C3-6, October 2003, pp. 1-2.	October 2003
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	T		

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